AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A conductive thermoplastic-resin film which comprises a mixture of a thermoplastic resin and a conductive material and has a volume resistivity, as measured by the four-probe method in accordance with JIS K-7194, of 10 Ω·cm or lower and a moisture permeability, as measured at a film thickness of 100 μm by JIS K-7129 method B in an atmosphere of 40°C and a relative humidity (RH) of 90%, of 10 g/(m^2·24 hr) or lower.

Claim 2 (original): The conductive thermoplastic-resin film according to claim 1, wherein the conductive material contained in the conductive thermoplastic-resin film A comprises: a graphite powder which has an average particle diameter of from 1 μm to 20 μm and in which particles having a particle diameter of 40 μm or smaller account for 80% by mass or more of the whole powder; and a carbon black powder.

Claim 3 (currently amended): The conductive thermoplastic-resin film according to claim 1 ~~or 2~~, wherein the volume filling factor A of the carbon black powder and the volume filling factor B of the graphite powder in the conductive material contained in the conductive thermoplastic-resin film A are in the ranges represented by the following expressions:

$0 < A \leq 0.4 \times (1-B)$

$0 < B \leq 0.5$

$A + B = 1$

Claim 4 (original): A conductive thermoplastic-resin film which comprises a mixture of a thermoplastic resin and a conductive material and has a volume resistivity, as measured by the four-probe method in accordance with JIS K-7194, of 10 Ω·cm or lower and a peel strength in the range of 1-150 N as measured at 25°C after disposing two sheets of the film (150 mm × 25 mm) so as to face each other and laminating the sheets to each other by pressing these in an atmosphere of 25°C at a pressure of 3.9×10^5 Pa for 1 minute.

Claim 5 (currently amended): The conductive thermoplastic-resin film according to claim 4, wherein that the conductive thermoplastic-resin film B ~~contains~~comprises an amorphous propylene/butene copolymer or an amorphous propylene/ethylene/butene copolymer in an amount in the range of 30-65% by mass.

Claim 6 (original): A conductive thermoplastic-resin laminate film which comprises: a conductive thermoplastic-resin film A, as a base, which comprises a mixture of a thermoplastic resin and a conductive material and having a volume resistivity, as measured by the four-probe method in accordance with JIS K-7194, of 10 Ω·cm or lower and a moisture permeability, as measured at a film thickness of 100 μm by JIS K-7129 method B in an atmosphere of 40°C and a relative humidity (RH) of 90%, of 10 g/(m^2·24 hr) or lower; and a conductive thermoplastic-resin film B having the following tackiness characteristics which has been laminated to at least one side of the film base:

Tackiness characteristics:

the peel strength as measured at 25°C after disposing two sheets of the film (150 mm × 25 mm) so as to face each other and laminating the sheets to each other by pressing these in an atmosphere of 25°C at a pressure of 3.9×10^5 Pa for 1 minute is in the range of 1-150 N.

Claim 7 (Canceled).

Claim 8 (new): The conductive thermoplastic-resin film according to claim 2, wherein the volume filling factor A of the carbon black powder and the volume filling factor B of the graphite powder in the conductive material contained in the conductive thermoplastic-resin film A are in the ranges represented by the following expressions:

$0 < A \leq 0.4 \times (1-B)$

$0 < B \leq 0.5$

$A + B = 1$

Claim 9 (new): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin film according to claim 1.

Claim 10 (new): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin film according to claim 1.

Claim 11 (new): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin film according to claim 2.

Claim 12 (new): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin film according to claim 2.

Claim 13 (new): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin film according to claim 3.

Claim 14 (new): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin film according to claim 3.

Claim 15 (new): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin film according to claim 4.

Claim 16 (new): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin film according to claim 4.

Claim 17 (new): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin film according to claim 5.

Claim 18 (new): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin film according to claim 5.

Claim 19 (new): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin laminate film according to claim 6.

Claim 20 (new): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin laminate film according to claim 6.